MAGELLAN

Magellan® TrafficKit™

This document covers the basic operation of the Magellan TrafficKit Accessory. The information provided here is enough to give you all the normal operating features for using this product.

The Magellan RoadMate is a vehicle navigation aid designed to guide you to your selected destinations. When using the Magellan RoadMate, these safety rules must be followed to prevent accidents that can result in injury or death to yourself or others:

IMPORTANT SAFETY WARNINGS

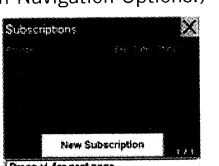
- When driving, the need to view the display is minimal. Voice prompts will guide you to your destination. The driver should enter data or program the unit only when the vehicle is stopped. Only a vehicle passenger should enter data or program the unit while the vehicle is moving.
- It is your responsibility to comply with all traffic laws.
- While every attempt is made to ensure that the database is accurate, roadways, points of interest (POIs), and business and service locations may change over time. The database does not include, analyze, process, consider or reflect any of the following: legal restrictions (such as vehicular type, weight, height, width, load and speed restrictions); road slope or grade; bridge height, width, weight or other limits; population density; neighborhood quality or safety; availability or proximity of law-enforcement, emergency-rescue, medical or other assistance; construction work zones or hazards; road or lane closures; road, traffic or traffic facilities safety or condition; weather conditions; pavement characteristics or conditions; special events; traffic congestion. It is your responsibility to disregard any unsafe, hazardous or illegal route suggestions.
- Take care when mounting the unit in your vehicle, whether using the windshield mount or other mount or accessories, that it does not obstruct the driver's view of the road, interfere with the operation of the vehicle's safety devices such as air bags, or present a hazard to occupants of the vehicle should the unit be dislodged while driving. You assume the risks associated with damage to your vehicle or vehicle occupants as the result of your choices in mounting the unit. (Note that in California and Minnesota, as well as other areas, it is illegal to mount any device to the wind\shield of a vehicle.)

Before You Begin

A subscription is required to be able to receive and use the traffic alert information. Included with the TrafficKit is a coupon providing you with a limited free subscription. When the free subscription is about to expire you will be prompted with information, reminding you that you need to renew the subscription. You can find information about renewing your subscription at www.magellanGPS.com.

Activating the Free Subscription

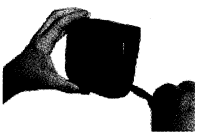
1. Locate the serial number for your Magellan RoadMate. It can be found on the back of the unit. Write this number down as you will need it later. S/N: _____
2. Locate the subscription coupon that is included in the Magellan TrafficKit. At the bottom of the coupon is a Subscription Activation Code that you will need to enter when prompted.
3. Go to www.magellanGPS.com/Traffic-Coupon and follow the instructions.
4. Write down the activation code that you receive upon completing the instructions. Code: _____
5. Turn on the Magellan RoadMate.
6. Access the **TMC Options** function. (This is found on the Configuration Menu accessible through Navigation Options.)
7. Select **Subscriptions** from the menu. At the Subscriptions screen, select **New Subscription.**
8. Using the keypad, enter the code you received in step 4 and press OK.
9. Your subscription is active and your Magellan RoadMate is *Traffic-Ready.*



English

Installation

1. Connect the power connector coming out of the TrafficKit Module to the power in connector on the Magellan RoadMate 3000T.



2. Connect the data cable (TMC connector) coming out of the TrafficKit Module to the data connector on the Magellan RoadMate 3000T.

3. Connect the FM antenna to the TrafficKit Module..

4. Connect the cigarette lighter adapter to the power in connector on the TrafficKit Module.

5. Attach the cradle and mount to the Magellan RoadMate 3000T.

6. Mount the assembly in your vechile using the method desired (windsheild, adapter plate or other). Attach the FM antenna using the suction cups. The antenna should be placed in an area where it will be able to recieve traffic signals.

Introduction

Thank you for choosing the Magellan TrafficKit. This system will deliver traffic event information to your Magellan RoadMate.

Glossary

RDS: Radio Data System. Infrastructure that broadcasts digital information on the FM band. The TrafficKit module can only receive and decode the free-access service.

TMC: Traffic Message Channel, one of the types of information that a Radio Data System can broadcast.

TrafficKit: *TrafficKit* is the Magellan brand name for the RDS-TMC module which receives free-access TMC messages.

TMC Message: A message received by the TrafficKit module that contains the description of a TMC event.

TMC Event: An event liable to disturb the flow of traffic. The list of possible TMC events that can be received by the Magellan RoadMate is provided below, along with the corresponding road sign:

Sign	Meaning
	Danger
	Slow Traffic
	Lane Reduction
	Road Work
	Accident

Sign	Meaning
	Road Closed
	Severe Weather
	Special Equipment Required
	Vehicle Related Restriction

Alert Mode: TMC events are received by the Magellan RoadMate for informational purposes.

Re-routing Mode: This mode will reroute the vehicle if a TMC event impacts the route, and a faster alternative route is available.

Understanding How The TrafficKit Works

Please read the following statements before using the TrafficKit.

1. You can enable and disable TMC event categories. By default, all categories are enabled.
2. Selected TMC events will either alert and/or re-route you depending on the operating mode.
3. All selected event categories will be displayed on the map screen in the form of traffic event icons.
4. If you are not routing to a destination, the RDS function will only display TMC events on the map screen.

RDS-TMC Operating Modes

In the Magellan RoadMate, TMC events that impact your route can be processed in one of the following two modes:

- *Re-routing Mode*. (Default) TMC events affecting your route will trigger the Magellan RoadMate to automatically calculate a new route, if a faster alternative route is available.
- *Alert Mode*. TMC events affecting your route will be reported to you in the form of warning messages on the Magellan RoadMate screen.

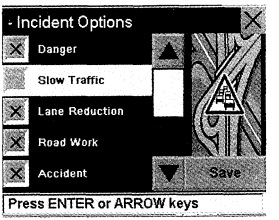
Setting and using these two operating modes are discussed in the next chapters.

Selecting Categories of TMC Events

You may choose the TMC event categories you would like to be informed of as they occur:

1. Access the **Navigation Options** menu and select **Configuration**
2. Scroll down the list and select **TMC Options.**
3. Select **Incident Options.**
4. In the displayed list, check all categories of TMC events (incidents) you want the Magellan RoadMate to process, and deselect events that are of no interest. Use the Down

button to scroll to the bottom of the list. For best routing Magellan recommends leaving all of the boxes checked.



The existing categories of TMC events are listed at the beginning of this manual in the Glossary.

Checking an option in this list implies that:

- The Magellan RoadMate's map screen will show ALL the received events pertaining to this category at their respective locations.
- Any event from this category that is located along the route will calculate an alternative route if the Magellan RoadMate determines the alternative route is faster.

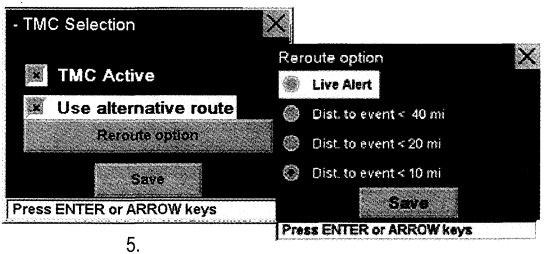
5. Select the **Save** button to confirm all your choices.

Re-routing Mode

Setting the Re-routing Mode

1. Access the **Navigation Options** menu and select **Configuration**.
2. Scroll down the list and select **TMC Options**
3. Select **TMC Selection.**
4. Unless already done, check the **TMC Active** option
5. Check the **Use Alternative route** option (see Diagram 5 below). Note that this causes the button just underneath to be renamed "Reroute option".

6. Select the **Reroute Option** button on the screen. A new screen appears on which you can set the distance from the event that will trigger the alternative route (see Diagram 6).



5. 6.

Check one of the following options:

- **Live Alert**: With this option checked, the Magellan RoadMate will search for a faster alternative route whenever a TMC event arises on your current route. This will happen at the time the event is received, regardless of your distance to the event.
- **Dist. to event < 40 mi**: With this option checked, the Magellan RoadMate will re-route you only if the distance to this TMC event, is less than 40 miles from your current location (not a point-to-point distance but that measured along the route).
- **Dist. to event < 20 miles**: Same as above for a distance of 20 miles.
- **Dist. to event < 10 miles**: Same as above for a distance of 10 miles.

7. Select **Save** to confirm your choice and then **Save** again to return to your guidance screen.

Traveling with the Re-routing Mode On

When you use your Magellan RoadMate in the Re-routing Mode, the following will occur whenever a TMC event that affects your route is received:

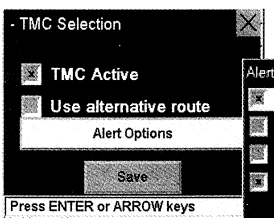
- The Magellan RoadMate will analyze the impact this event will have on your route.
- A "Re-calculating the route" message will pop up on the Magellan RoadMate screen along with the reason for the re-calculation.
- Once the Magellan RoadMate has computed an alternative route, it will compare the alternative route with the original route, and will decide which is the best route to follow, taking time and distance into consideration.
- If the original route is still the best one to follow, the route will be unchanged, and the time portion of the status bar will be updated to reflect the delay. In this case you will see the event in the maneuvers list when you get closer to its location.
- If the alternative route is the best route to follow, the Magellan RoadMate will start guiding you along this route.
- The map screen will also show road signs corresponding to TMC events, including those not affecting the route.
- Events that affect your route will also appear as road signs in the manuever list.

Alert Only Mode

Setting the Alert Mode. This mode **will not** provide you with new routing information, it will only alert you to the event. (Magellan recommends that you keep both incident Options checked.)

1. Access the **Navigation Options** menu and select **Configuration.**
2. Scroll down the list and select **TMC Options**

3. Select **TMC Selection.**
4. Unless already done, check the **TMC Active** option and make sure the **Use alternative route** option is deselected (see screen 4. below).
5. Select the **Alert Options** button on the screen. A new screen appears on which you can set the options relevant to the Alert mode (see 5. below)



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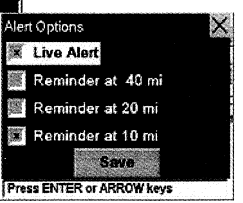


5.

Check one or more of the following options:

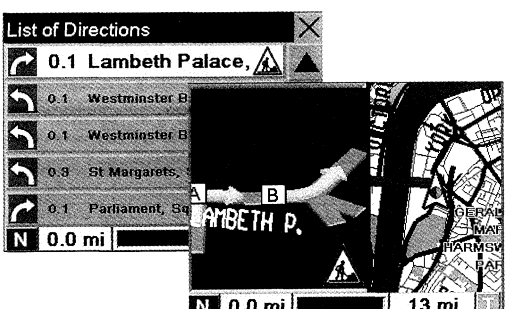
- **Live Alert**: When checked, the Magellan RoadMate will inform you of a traffic event located along your route as soon as it is detected.
- **Reminder at 40 mi**: If you check this option, the Magellan RoadMate will remind you of the traffic event it has received earlier. The message will appear when this event, located somewhere along your route, is 40 miles away from your current location (not a point-to-point distance but measured along the route).
- **Reminder at 20 mi**: Same as above but the distance from the event is only 20 miles
- **Reminder at 10 mi**: Same as above but the distance from the event is only10 miles

6. Select **Save** to validate your choices and then come back to your usual guidance screen.

Traveling with the Alert Mode On

When you use the TrafficKit in the Alert Mode, the following will occur when new TMC events are received:

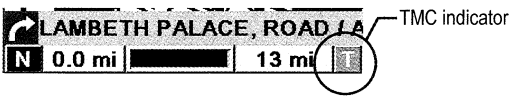
- If an event affects your route, a warning message will appear on the screen at a time or distance defined in the Alert Options menu (step 5, page 8).
- If you do not acknowledge the message by pressing the **ENTER** button, it will automatically disappear after 10 seconds. Additional warning messages, if any, will appear in turn on the screen.
- Events that affect your route will also appear as road signs in the maneuver list, and also in the lower part of the True View screen. See examples below:



- The map screen will show road signs corresponding to the TMC events, including those which do not affect the route. You can obtain detailed information on any event by selecting the icon on the map screen. A dialog box will open containing a description of the event.

Status Bar

The RDS-TMC function is shown in the status bar (bottom right of the screen):



The background color of the TMC indicator should be interpreted as follows:

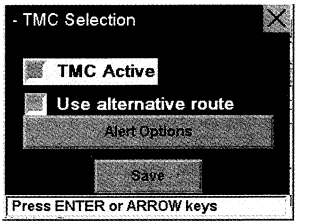
- **Black**: No RDS module connected to the Magellan RoadMate.
- **Red**: Seeking TMC station...
- **Yellow**: TMC Station found, no TMC message received.
- **Green**: TMC Station found, TMC messages received.

How To Disable the RDS

When you do not want to use the RDS function:

1. Select **Configuration** from the Navigation Options menu.
2. Scroll down the list and select **TMC Options**
3. Select **TMC Selection.**
4. Deselect the **TMC Active** box
5. Click **Save** to confirm your choice.

When the RDS function is off, the Magellan RoadMate ignores all incoming TMC messages.



FAQs

Q1- *How does the TrafficKit module choose the frequency on which to receive TMC data?*

R1: This is an automated procedure. When you turn on the system, the TrafficKit module analyzes the 5 best frequencies stored in its memory. These frequencies are classified in order of signal strength. The module then tests if TMC data is available on the first station. If the first station is sending TMC messages, the module will stay on that frequency, otherwise it will test the next one until it finds a station that delivers TMC data.

If none of the 5 frequencies can be used, the TrafficKit module will start scanning the entire FM band. It will search for the best five frequencies on which TMC data is available and will tune in to the strongest station. These five best frequencies will be saved in memory to be used the next time the system is powered up.

Q2- *Why do we have to wait between 2 and 5 minutes before the RDS module starts delivering RDS data the first time we use it?*

R2: This is the average time for the module to test all the possible frequencies on the FM band and choose the best one in terms of signal level and TMC data availability/quality.

English

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Warranty Service

Before you decide to return your product to the shop where you purchased it from, please contact our Technical Support Team.

Customer Service

To order accessories or obtain unlock codes, you can visit our web site at www.magellanGPS.com or contact our Technical Support.

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A Product of Thales Navigation

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Magellan® TrafficKit™ Service Activation - 15 months
Activation du Service Magellan TrafficKit - 15 mois
Activación del servicio Magellan TrafficKit - 15 meses

Please follow the instructions below to activate your traffic subscription.

YOU NEED AN INTERNET CONNECTION AND YOUR MAGELLAN ROADMATE TO PROCEED.

1. Locate the Magellan RoadMate serial number on the back of your Magellan RoadMate. Write this number on a piece of paper.
2. Redeem the Coupon code:
   a. Enter the following address in the web browser - http://www.magellangps.com/Traffic-Coupon
   b. Follow the instructions on your PC.
   c. When asked to enter the coupon code, enter the code in the box at the bottom of this sheet of paper.
   d. Write down the special code you will need to activate your traffic subscription.
3. Activate your Traffic subscription:
   a. Power up the Magellan RoadMate.
   b. Access the TMC Options function. This can be found on the Configuration menu. (Consult your User Manual for directions on accessing the Configuration menu.)
   c. Press New Subscription
   d. Using the keypad, enter the subscription activation code and press OK.
4. Your subscription is active and your Magellan RoadMate is *Traffic-Ready.*

Veuillez suivre ces instructions pour activer votre abonnement Traffic.

VOUS DEVEZ ÊTRE CONNECTÉ À INTERNET ET AVOIR VOTRE MAGELLAN ROADMATE AVEC VOUS POUR CONTINUER.

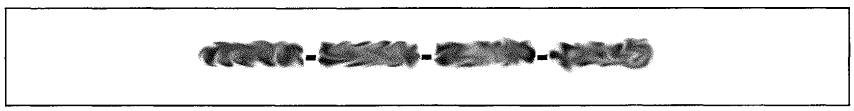
1. Recherchez le numéro de série de votre Magellan RoadMate au dos de votre appareil. Notez ce numéro sur une feuille de papier.
2. Obtenir le code d'abonnement :
   a. Saisissez l'adresse suivante dans la fenêtre de votre navigateur - http://www.magellangps.com/Traffic-Coupon
   b. Suivez les instructions qui s'affichent sur l'écran de votre ordinateur.
   c. Lorsque cela vous est demandé, saisissez le code qui se trouve dans la case au bas de cette page.
   d. Notez le code spécial d'abonnement qui vous permettra d'activer votre abonnement Traffic.
3. Activer votre abonnement Trafic :
   a. Allumez le Magellan RoadMate.
   b. Accédez à la fonction Options TMC, dans le menu Configuration. (Consultez le Manuel utilisateur pour savoir comment accéder au menu Configuration.)
   c. Appuyez sur Nouvel abonnement.
   d. À l'aide du clavier, saisissez le code d'abonnement, puis appuyez sur OK.
4. Votre abonnement Traffic est à présent activé et votre Magellan RoadMate est prêt à fonctionner en mode *Traffic.*

Siga estas instrucciones para activar la suscripción a Traffic.

NECESITA UNA CONEXIÓN A INTERNET Y SU MAGELLAN ROADMATE PARA PROCEDER.

1. Busque el número de serie del Magellan RoadMate en la parte posterior del mismo. Anote este número en una hoja de papel.
2. Canjee el cupón:
   a. Introduzca la siguiente dirección en su navegador de Internet - http://www.magellangps.com/Traffic-Coupon
   b. Siga las instrucciones que aparecen en su PC.
   c. Cuando se le pida que introduzca el código del cupón, introduzca el código que aparece en el recuadro de la parte inferior de esta hoja de papel.
   d. Anote el código especial que necesitará para activar su suscripción a Traffic.
3. Active su suscripción a Traffic:
   a. Encienda el Magellan RoadMate.
   b. Acceda a la función Opciones TMC. Puede encontrarla en el menú de Configuración. (Consulte en el Manual de Usuario las pautas para acceder al menú de Configuración).
   c. Pulse Nueva suscripción
   d. Utilizando el teclado, introduzca el código de activación de la suscripción y pulse OK.
4. Su suscripción se activará y su Magellan RoadMate estará listo para el *Traffic.*

SUBSCRIPTION ACTIVATION CODE * CODE D'ACTIVATION DE L'ABONNEMENT * CÓDIGO DE ACTIVACIÓN DE LA SUSCRIPCIÓN



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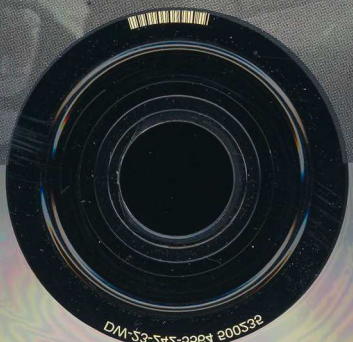
Magellan® RoadMate™ 3000T

TrafficKit Firmware Upgrade



MAGELLAN®

P/N 500235 A
V 3.05

COMPACT disc

You should update your receiver with this firmware before using the TrafficKit if the firmware version you are using is 3.04 or less. See ReadMe file on this CD-ROM for more information.

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